

H2 Hemagglutinin (HA) Protein from Influenza A Virus, A/Singapore/1/1957 (H2N2), Recombinant from Baculovirus

Catalog No. NR-52249

This reagent is the tangible property of the U.S. Government.

Product Description:

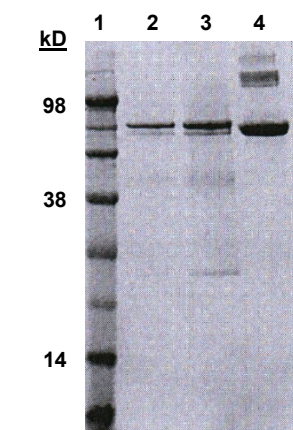
A recombinant form of the H2 hemagglutinin (HA) protein from influenza A virus, A/Hong Kong/308/2014 (H9N2) was produced in Sf9 insect cells using a baculovirus expression vector system. The recombinant HA protein containing the H2 ectodomain and a hexa-histidine tag was purified by ion exchange and affinity chromatography. This item was manufactured and subjected to quality control testing by St. Jude Children's Research Hospital (SJCRH), Memphis, Tennessee, USA.

Lot: 70033545

Manufacturing Date: 22NOV2019

TEST	SPECIFICATIONS	RESULTS
Appearance	Report results	Opalescent
SDS-PAGE Analysis	Protein band of interest represents > 90% of total staining intensity	Dominant band of ~ 62 kDa accounting for > 90% of total staining intensity (Figure 1)
Concentration by Bicinchoninic Acid Assay Bovine Serum Albumin (standard)	Report results	1.2 mg per mL
Final Product Amount per vial Volume per vial	Report results Report results	350 µg 300 µL
Functional Activity Hemagglutination activity 0.5% turkey red blood cells	Report results	Positive (1:8)
Filtration	0.2 µm sterile-filtered	0.2 µm sterile-filtered

Figure 1: SDS-PAGE Analysis of Recombinant H2 HA Protein



Lane 1: Molecular weight markers
Lane 2: NR-52249 (1 µg)
Lane 3: NR-52249 (2.5 µg)
Lane 4: BSA

Certificate of Analysis for NR-52249**/Heather Couch/****Heather Couch****17 DEC 2020**

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